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(54) **RESOURCE-USAGE NOTIFICATION
FRAMEWORK IN A DISTRIBUTED
COMPUTING ENVIRONMENT**

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(57) **ABSTRACT**

A resource-usage notification framework can be implemented for distributed computing environments. For example, a system can determine the resource usage of a software application in a distributed computing environment. The system can determine if the resource usage is within a predefined range of a predefined resource-consumption limit. If so, the system can generate an event notification and transmit the event notification to the software application. The software application can receive the event notification and perform a mitigation operation in response. The mitigation operation can be configured to prevent the resource usage from exceeding the predefined resource-consumption limit or to mitigate an impact of the resource usage exceeding the predefined resource-consumption limit.

